1	CLAIMS
2	
3	We Claim:
4	
5	1. A spray cool system with a dry access chamber, comprising:
6	a chassis having a wet chamber and a dry chamber, wherein said wet chamber is
7	for thermally managing an electronic device by applying liquid coolant to an electronic
8	device within said wet chamber;
9	a dry access door removably attached about said dry chamber; and
10	a wet access door removably attached about said wet chamber, wherein said wet
11	access door is capable of sealing said wet chamber.
12	
13	
14	2. The spray cool system with a dry access chamber of Claim 1, wherein said
15	wet chamber includes a coolant spray system.
16	
17	
18	3. The spray cool system with a dry access chamber of Claim 2, wherein said
19	coolant spray system is comprised of components chosen from the group consisting
20	essentially of a spray unit, a sensor, a card cage, an intake valve and a condenser.
21	
22	
23	4. The spray cool system with a dry access chamber of Claim 3, wherein said
24	coolant spray system is fluidly connected to a coolant system positioned within said
25	wet chamber.
26	
27	
28	5. The spray cool system with a dry access chamber of Claim 1, wherein said
29	dry chamber includes a coolant system fluidly connected to said wet chamber.

1	
2	
3	6. The spray cool system with a dry access chamber of Claim 5, wherein said
4	coolant system is fluidly connected to a spray unit positioned within said wet chamber.
5	
6	
7	7. The spray cool system with a dry access chamber of Claim 5, wherein said
8	coolant system is comprised of components chosen from the group consisting essentially
9	of a filter, a pump, a heater, a sensor and a separator.
10	
11	
12	8. The spray cool system with a dry access chamber of Claim 1, wherein said
13	dry access door is capable of sealing said dry chamber.
14	
15	
16	9. The spray cool system with a dry access chamber of Claim 1, wherein said
17	dry chamber is adjacent to said wet chamber within said chassis.
18	
19	
20	10. The spray cool system with a dry access chamber of Claim 1, wherein said
21	dry chamber is sealed from said wet chamber.
22	
23	
24	11. A spray cool system with a dry access chamber, comprising:
25	a chassis having a wet chamber and a dry chamber, wherein said wet chamber is
26	for thermally managing an electronic device by applying liquid coolant to an electronic
27	device within said wet chamber;
28	wherein said wet chamber includes a coolant spray system for thermally
29	managing an electronic device;

1	wherein said dry chamber includes a coolant system fluidly connected to said
2	coolant spray system;
3	a dry access door removably attached about said dry chamber; and
4	a wet access door removably attached about said wet chamber, wherein said wet
5	access door is capable of sealing said wet chamber.
6	
7	
8	12. The spray cool system with a dry access chamber of Claim 11, wherein said
9	coolant spray system is comprised of components chosen from the group consisting
10	essentially of a spray unit, a sensor, a card cage, an intake valve and a condenser.
11	
12	
13	13. The spray cool system with a dry access chamber of Claim 11, wherein said
14	coolant system is fluidly connected to a spray unit positioned within said wet chamber.
15	
16	
17	14. The spray cool system with a dry access chamber of Claim 11, wherein said
18	coolant system is comprised of components chosen from the group consisting essentially
19	of a filter, a pump, a heater, a sensor and a separator.
20	
21	
22	15. The spray cool system with a dry access chamber of Claim 11, wherein said
23	dry access door is capable of sealing said dry chamber.
24	
25	
26	16. The spray cool system with a dry access chamber of Claim 11, wherein said
27	dry chamber is adjacent to said wet chamber within said chassis.
28	
29	

- 1 17. The spray cool system with a dry access chamber of Claim 11, wherein said
- 2 dry chamber is sealed from said wet chamber.